

Studies of Fluid Catalytic Cracking. II.
Throughput Capacity of an Installation, by
T. Taniguchi,
JAPANES, pet., sekijin gakkaishi Shi, Vol III,
No 3, 1966, pp 636-640.
AFG J3-2943

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Sci-Pubs
Oct 66

313,004

<p>Yamauchi, S. STUDY OF THE PRODUCTION OF FORMALDEHYDE FROM METHANOL. I. STUDY OF THE REACTION CONDITIONS (AIR-TO-METHANOL RATIO, REACTION TEMPERATURE, SPACE VELOCITY) IN THE PRODUCTION OF FORMALDEHYDE. [1961] 18p. Order from ATS \$32.20 Trans. of Yuki Gosei Kagaku Kyokaishi (Japan) 1960, v. 18, no. 8, p. 592-601.</p> <p>(Engineering--Chemical, TT, v. 5, no. 11)</p>	<p>61-22118</p> <p>1. Formaldehyde--Production 2. Methanol--Chemical reactions I . Yamauchi, S. II . ATS-32N49] III . Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p>
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The Soviet Submarine Fleet in the Vicinity of Japan,
by YAMAGUCHI Suteji, 8 pp.

Full translation.

JAPANESE, no per, Tairiku Mondai, No 2, Feb 1952.

MISC/PK 72443

USSR; FE - Japan

Military - Submarines, Pacific fleet

A 13135

Powder-Metallurgical Analysis in the Ferrite Manufacturing Process, Pt 1, Outline of the Manufacturing Process and Changes Taking Place During Heating, by T. Yamaguchi, 9 p.
JAPANESE, per, Funtai Oyobi Fumetsuyakin, Vol IX,
No 6, 1962, pp 222-227.
ATS-24T90J

T. Yamaguchi
Sci-Engr
Jun 66

304,461

Improved Open-hearth Refractories and Their Consumption When Injecting Oxygen, by K. Misawa, T. Yamaguchi, et al.
JAPANESE, per, Tetsu to Hagane, Vol XLVIII, No 11,
1962, pp 1322-1324.
HB 6146

Sci - M/M
Apr 64

235,967

Yamaguchi, T.
MANUFACTURE OF PHOSPHORIC ACID BY THE
W.F. PROCESS. [1962] 6p.
Order from ATS \$9.75. AT&T-59P60

Frank, of Japanese [published] patent no. 1422 (1957)
appl. 6 Nov 51, pub. 27 Feb 57.

DESCRIPTORS: *Phosphoric acids, Manufacturing
methods.

(Engineering--Chemical, TT, v. 8, no. 2)

62-17303

- I. Title: Wet process
(Phosphoric acids
production)
- II. Yamaguchi, T.
- III. Patent (Japan) pub. 32-1422
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

0261626

Office of Technical Services

Yamaguchi, T.

STUDIES ON FLUID CATALYTIC CRACKING. II.
(THROUGHPUT CAPACITY OF AN INSTALLATION).
[1961] 10p.

Order from ATS \$18.60

ATS-30N48J

Trans. of Sekiyu Gakkai Shi (Japan) 1960, v. 3, no. 8,
p. 636-640.

61-22015

1. Petroleum--Processing
2. Catalysts--Applications
1. Yamaguchi, T.
- II. Title: Throughput...
- III. ATS-30N48J
- IV. Associated Technical Services, Inc., East Orange, N. J.

(Engineering--Chemical, TT, v. 5, no. 12)

Office of Technical Services

Yamaguchi, T.
CATALYST REGENERATION AND OPTIMUM CATALYST PARTICLE-SIZE DISTRIBUTION. Pt. 5 of
Studies [on] Fluid Catalytic Cracking. [1961] 11p.
Order from ATS \$17.75 ATS-87N55J

Trans. of Sekiyu Gakkai Shi (Japan) 1961, v. 4, no. 1,
p. 29-33.

DESCRIPTORS: *Catalysts, Particles, Petroleum,
Processing.

61-25706

I. Yamaguchi, T.
II. Title: Studies ...
III. ATS-87N55J
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

(Engineering--Chemical, TT, v. 6, no. 12)

Office of Technical Services

Studies on *Dirofilaria Immitis*. Report No 5.
Prenatal Infection From *Microfilaria Immitis*,
by S. Kume, T. Yamaguchi, S. Itagaki, 17 pp.

JAPANESE, per, Oyo Juigaku Zaishi, (Journal of
Applied Veterinary Medicine), Vol XVI, No 8,
Aug 1943, pp 1-9.

NIH

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Scientific - Medicine
CTS 70/Jul 55

The Change in Spermatogenesis Caused by Internal
Irradiation With Cs-137, by T. Kitabatake, T. Yamaguchi,
6 pp.
JAPANESE, per, Radioisotopes, Vol VIII, 1959,
pp 185-189.
AEC-Tr-6280

Sci-Nucl Sci
Mar 64

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<p>Yamaguchi, T., Takahashi, K. and others. STATIC ELECTRIFICATION OF ELECTROPHOTOGRAPHIC LAYERS. [1962] 6p. Order from ATS \$10.80 ATS-53N57J Trans. of Denshi Shashin (Japan) 1961, v. 3, no. 1, p. 12-15.</p> <p>DESCRIPTORS: *Electrophotography, Photography, Electrostatics.</p> <p>(Materials--Photographic, TT, v. 9, no. 10)</p>	<p>62-12362</p> <p>I. Yamaguchi, T. II. Takahashi, K. III. ATS-53N57J IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>118-07365</p> <p>Office of Technical Services</p>
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Yamaguchi, Tadashi and Amagasa, Masataka.
A STUDY ON THERMAL DEGRADATION PRODUCTS
OF POLYVINYL ALCOHOL. [1962] 14p. 3 refs.
Order from SLA \$1.60

62-16002

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 198,
p. 645-652.

DESCRIPTORS: Polymers, *Vinyl alcohols, Pyrolysis,
Chemical analysis, Acetaldehydes, Benzaldehydes,
Acetophenones, Alcohols, Vinyl radicals.

In order to probe the mechanism of thermal decomposi-
tion of PVA, the residue from thermal decomposition
of PVA and thermal decomposition products of PVA
were investigated. There were some differences in
quantity depending on whether the thermal decomposi-
tion took place in vacuum, in nitrogen current, or in
(Chemistry--Organic, TT, v. 9, no. 1) (over)

62-16002

I. Yamaguchi, T.
II. Amagasa, M.

Office of Technical Services

Yamaguchi, Tadashi and Amagasa, Masataka.
THERMAL DEGRADATION MECHANISM OF POLY-VINYL ALCOHOL. [1962] 6p. 4 refs.
Order from SLA \$1.10 62-16001

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 198,
p. 653-655.

DESCRIPTORS: Polymers, *Vinyl alcohols, Pyrolysis,
Chemical reactions, Alcohols, Vinyl radicals.

The thermal degradation mechanism of polyvinyl alcohol (PVA) is discussed according to the results of investigation about colorisation and degradation at heat treatment. (See also 62-16002)

(Chemistry--Organic, TT, v. 9, no. 1)

62-16001

I. Yamaguchi, T.
II. Amagasa, M.

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Adsorption of ~~2,4~~ Monomer in the Polymerization of Acrylonitrile, by Hideo Nagao, Moriya Uchida, Taro Yamaguchi, 12 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LIX, No 6, 1956, pp 695-698.

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Sci - Chem
Dec 59
Vol 2, No 4

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The Hormonal Influence of the Parotid Gland on Carbohydrate and Protein Metabolism, by Yoshito Takacka, Tokizo Yamaguchi, Nobutero Yamada, Kinori Kcsaka, 9 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXII, No 15/16, 15 Apr 1954, pp 369-375. (Reprint, excerpts only)

NIH 13,794

Scientific - Medicine CTS/DEX

(8F-1506)

The Present Status of China's Iron Ore Deposits, by
Tomoyuki Yamaguchi, 45 pp.

JAPANESE, rpt.

JPRS 4554

Sci - Min/Met
FE - China

Econ

May 61

150,461

Yamaguchi, Y. and Oyanagi, K.

STUDIES ON THE LOAD CAUSED BY CONSTANT
AND REPEATED ELONGATION IN FIBERS. [1961]
13p. 6 refs.

Order from RIS \$40.00

RIS C-138

Trans. of Textile Mach[inery] Soc[iety] of Japan.
[Journal] 1960, v. 13, no. 9, p. 637-643.

61-22189

- I. Synthetic fibers--Stresses
- II. Yamaguchi, Y.
- III. RIS C-138
- IV. Research Information Service, New York

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(Materials--Textiles, TT, v. 5, no. 11)

Studies of the Production of Normal Bacteriostatic
Aerobiosis, by T. Yamaguchi, 15 pp.
JAPANESE, per, Nippon Shinkogyoku Zasshi, Vol XVIII,
No 1, 1963, pp 44-51.
NRI 2-24-64

Set - Biol & Med
Apr 64

238.756

<p>Yamaguchi, Yobei and Shishido, Toshiuke. THE CHANGE OF POLARIZATION EFFECT AND RESISTANCE CAPACITY. [Rept.] 1 of [Electrolytic Conductivity of Fused Salts. [1963] 26p (figs omitted) Srefs Order from SLA \$2.60</p> <p>TT-64-10143</p> <p>Trans. of [Nihon Kagaku Zasshi] (Japan) 1938, v. 59, p. 1311-1320.</p> <p>DESCRIPTORS: *Fused materials, Salts, Electrical conductance, Polarization, Resistance (Electrical), Aluminum compounds, Chlorides, Sodium compounds, Electrolysis,</p> <p>(Chemistry--Physical, TT, v. 11, no. 5)</p>	<p>TT-64-10143</p> <p>I. Yamaguchi, Y. II. Shishido, T. III. Title: Electrolytic ...</p> <p>114182</p> <p>Office of Technical Services</p>
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Micronesian Desmidaceae (Biological Station, Otsu)
by Hisanao Yamaguti.

JAPANESE, per, Japanese Journal of Ichnology,
Vol IX, No 2, 1939, pp 98-106.

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209(900)4UH34PR
No 739

Sci-Biol

248, 866

Feb 64

Internal Friction of Polycrystalline and Single-Crystal Ice, by D. Kurciwa, K. Yamaji.

JAPANESE, per, Teion Kagaku, Vol XVIII, 1959,
pp 97-114.

Sci - Phys

Apr 62

MLL N. 4605
D.R.B. Canada - T. L. S. J.

194,035

Yamaji, T.

THE EFFECTS OF SULFUR COMPOUNDS ON THE
DECOMPOSITION OF TETRALIN HYDROPEROXIDE.
[1962] 9p.

Order from ATS \$13.10

ATS-56P58J

Trans. of Sekiyu Gakkai Shi (Japan) 1960, v. 3, no. 2,
p. 116-120.

DESCRIPTORS: *Hydroperoxides, Decomposition,
*Sulfur compounds.

(Chemistry--Organic, TT, v. 7, no. 11)

62-12809

I. Yamaji, T.
II. ATS-56P58J
III. Associated Technical
Services, Inc., East
Orange, N. J.

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Office of Technical Services

Continuous Temperature Measurement of an Electric ARC
Furnace, by A. Venetik,
JAPANESE, per, Denki Zaiho, Vol XXXII, No 4, 1942.
pp 299-315.
RSI 3463

Sci - Engr
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T. Yamaki

English Title Unknown, by T. Yamaki.
JAPANESE, per, Agriculture and Horticulture, Vol 33,
1958, pp 1165-1168.
*NTIS TT 72-53045

Aug 72

Yamakoshi, Tadao, Amatsu, Hiroo and others,
MANUFACTURING PROCESS OF ALKALI CHLORITE,
Cer 62, 5p.
Order from SA \$15.00

SA Code-P14

Trans. of published Japanese patent 2426/1954,
4 May 54, cl. 15-E-31, appl. no. 14676/1952,
16 Sep 52, by Nissan Chemical Industrial Co.

DESCRIPTORS: *Bleaching agents, *Alkali metal compounds, *Chlorites, Manufacturing methods, Chlorine compounds, Dioxides, Organic solvents.

62-34459

I. Yamakoshi, T.
II. Amatsu, H.
III. Patent (Japan) pub. 29-2;25
IV. SA Code-P14
V. Seizaburo Aoki (Japan)

1236390

(Engineering--Chemical, TT, v. 8, no. 12)

Office of Technical Services

FINDING OF HANDWRITING EXPERTISE VIEWED AS
DECISIVE EVIDENCE, BY Z. D. YAMAKOVA, 8 PP.

RUSSIAN, BK, VOPROSY KRIMINALISTIKI I SUDEBNOY
EKSPERTIZY, DUSHANBE, 1962, PP 110-113.

JPRS 17445

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SOC
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Internal Friction of Polycrystalline and
Single-Crystal Ice, by Daisuke Kuroiwa,
Kenji Yamaji, 11 pp.

JAPANESE, per, Low Temperature Science, Series
A., No 18, 1959, pp 97-114.

Amer Meteorol Soc X-J-32
HLL Ref: 8732 1961 (978) (LOAN)
170, 235

Sci - Geophys
Oct 61

Yamakawa, Yutaka.
STUDIES ON DIPHENYLALKYLAMINE DERIVATIVES.
VI. 1,2-DIPHENYLBUTANOLAMINE DERIVATIVES.
[1961] 9p. 12 refs.
Order from SLA \$1.10

61-10222

Trans. in manuscript of [Yakugaku Zasshi] (Japan) 1960,
v. 80, Mar, p. 298-300.

DESCRIPTORS: *Analgesics, Synthesis, Toxicity,
*Amines, Alky! radicals, Phenyl radicals, Butanols,
Pharmacology.

61-10222

I. Yamakawa, Y.
IL Title: 1,2-Diphenyl-
butanolamine...

(Biological Sciences--Pharmacology, TT, v. 6, no. 8)

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Results over a Three Year Period of X-Ray Treatment
on Malignant Tumors, by Yasushiro Yamagawa, 6 pp.

JAPANESE, per, Gann, Vol XX, No 3, 1926, pp 352-355

NIH

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Scientific - Medicine CTS/DEX

Yamaki, Kiyoshi.
INTERACTION BETWEEN IONIC DYESTUFFS OF
OPPOSITE ELECTRIC CHARGES. [1963] 10p
(figs. tables omitted) 6refs
Order from SLA \$1.10

63-18514

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1962,
v. 65 [no. 11] p. 1861-1865.

DESCRIPTORS: *Dyes, *Chemical reactions, Ions,
*Methylene blue, Methanes, Complex compounds,
Vinyl chlorides, Surface-active substances, Surface
tension, Absorption spectrum, Chemical bonds,
Fibers (Synthetic).

The aqueous solutions of ionic dyestuffs of opposite
electric charges, orange II (anion and methylene blue
(cation), were mixed. To examine the interaction
which then takes place between these dyestuffs, the
(Chemistry--Organic, TT, v. 10, no. 11) (over)

63-18514

1. Title: Orange II
1. Yamaki, K.

4405373

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Improvement of the Shaping of Electrical Porcelain
by Means of Electric Current, by I. N. Popov, I.
Ya. Yamakov, 8 pp.

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No 8, 1957, pp 13-19.

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Sci

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Jun 60

Handwriting in the Tashik Language, by Z. D.
Yanakova, 7 pp.
ISCHIAR, per, Vortrag im Internationalen Schule-
bezirkstag, No 3, 1963, pp 55-71.
JAN 26 1962

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Feb 65

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Aging of Polyamide Films in Ligroine, by
K. M. Yamaleyev, et al.
RUSSIAN, per, Plast. Massy, No 3, 1969,
pp 58-59.
FTD HT Special 21-70

K. M. Yamaleyev
feb 70

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Differential Thermal Analysis of
Synthetic Polymers and its Application
to Paints Research, by A. Yamamoto,
JAPANESE, per. Schmelz Hydrazin,
Vol XXIV, pp 133-137, 1962. 9229929
ADC SC-T-65-742

A. YAMAMOTO

Sci-Phys
Oct 65

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Differential Thermal Analysis of Synthetic Polymers,
by Akira Yamamoto, 14 pp.

JAPANESE, per, Bunseki Kagaku, Vol XI, 1962,
pp 943-951. 9209197

AEC-Tr-5768

Sci - Dual Sci

Jul 63

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of Reel